

What is claimed is:

1. An interactive system including an implantable hemodynamic monitor (IHM) in cooperation with a network to transfer data from the IHM and post on the network for physicians, patients and other healthcare providers, the interactive system comprising:
 - an IHM capable of recording physiologic and cardiac data in a patient;
 - an interface for wireless communication to downlink to the IHM and retrieve the data; and
 - means for posting the data at a remote location;
- 10 said IHM being implanted to continuously monitor hemodynamic conditions of the patient to provide data to physicians via said interface and said means for posting at said remote location.
2. The system of claim 1 wherein said downlink is based on a telemetry downlink signal to initiate real time data transmission relating to blood pressure values.
3. The system of claim 1 wherein said means for posting includes at least one of a telemetry system, a worldwide web, the Internet, and an intranet to transfer said data to said remote location.
- 20 4. The system of claim 1 wherein said remote location includes a server.
5. An implantable medical device (IMD) for monitoring physiologic signals to monitor heart-failure patients in communication with a network-embedded data exchange system to monitor patients remotely and chronically, the medical device in combination with the data exchange system comprising:
 - the IMD being in data communication with the data exchange system;
 - means to transfer IMD data to said data exchange system; and
 - means to transfer data from said data exchange system to a remote location to
- 30 chronically monitor the heart-failure patients.

6. The system of claim 5 wherein said data includes measurements relating to hemodynamics pertaining to pulmonary pressure and heart rate.

5 7. The system of claim 5 wherein said data exchange is accessible to patients and physicians.

8. The system of claim 7 wherein said data exchange system includes a search engine that enables access to various zones including a dedicated public zone,
10 confidential zone and a private zone.

9. A heart failure monitor including a quick look summary implemented in a network having a web browser and portal interfaces to transfer and manage data from the heart failure monitor, the web browser and portal interfaces comprising:

- 15 a patient portal;
a physician portal; and
a Medtronic portal;

said patient, physician and Medtronic portals having shared databases and further including secure databases and encryption systems in data communications thereof.

20 10. The interface of claim 9 wherein said patient portal includes a quick look summary tailored to the patient.

11. The interface of claim 10 wherein said quick look summary is customizable for
25 various patient preferences.

12. The interface of claim 9 wherein said physician portal includes a quick look summary tailored to the physician.

13. The interface of claim 11 wherein said quick look summary is customizable for various physician preferences.

14. A computer-implemented software system operating a quick look summary based on data obtained from a heart failure monitoring implantable device, the software system comprising:

means for collecting long-term data;

means for determining if said long-term data is in a repeatable state;

means for retrieving data;

means for identifying between normal and abnormal data; and

means for displaying one of said normal or abnormal data.

15. The software system of claim 14 wherein said means for collecting long-term data includes means of uplinking the heart failure monitoring implantable device to said means for retrieving data.

16. The software system of claim 14 wherein said means for retrieving data is one of a programmer and a home monitor.

17. The software system of claim 14 wherein said means for displaying includes an interactive screen display.

18. The software system of claim 17 wherein said interactive screen includes various layers of tailorable screen displays to provide information, access to records, connections and billing information.

19. The software system of claim 17 wherein the interactive screen includes a display of hemodynamic variables.

20. The software system of claim 17 wherein the interactive screen includes indications of whether one of or a combination of tachy or brady triggers have been detected.

5 21. The software system of claim 17 wherein the interactive screen includes summary options to display physiological thresholds for the patient.

22. The software system of claim 17 wherein the interactive screen includes a trend display of physiological parameters over a specified time period.